

1     IN THE CLAIMS:

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          In the following, Claims 3 and 6 are amended herein.  
An underline means please add the text, and a ~~strikeout~~ means  
please delete the text. Claims 1, 2, 4, and 5 have no new  
amendments herein but are re-stated in their entirety below.

10           Please amend the claims as follows:

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Claim 1 (Previously Amended). A flowline for producing  
hydrocarbons from a subsea well that is comprised of a  
substantially neutrally buoyant tubular composite umbilical  
means which passes over a canyon in the ocean bottom that  
possesses electrical heating means within the tubular walls  
of said tubular composite umbilical means to prevent waxes  
and hydrates from forming within said flowline and blocking  
said flowline, whereby said electrical heating means is  
comprised of at least one electrical conductor disposed  
within said tubular walls of said composite umbilical means  
that conducts electrical current that is used to heat said  
tubular composite umbilical means, whereby said tubular  
composite umbilical means that contains any produced  
hydrocarbons is substantially neutrally buoyant in the sea  
water adjacent to said subsea well, and whereby said  
substantially neutrally buoyant tubular composite umbilical  
means is anchored to the sea at a first location on a first  
side of said canyon and is anchored to the sea bottom at a  
second location on a second side of said canyon, whereby said  
first and second locations are on opposite sides of said  
canyon, and whereby a portion of said neutrally buoyant

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1 tubular composite umbilical between said first and second  
2 locations passes over said canyon in said ocean bottom.  
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5 Claim 2 (Previously Amended). A method of using a flowline  
6 for producing hydrocarbons from a subsea well that is  
7 comprised of a substantially neutrally buoyant tubular  
8 composite umbilical means which passes over a canyon in the  
9 ocean bottom that possesses electrical heating means within  
10 the tubular walls of said tubular composite umbilical means  
11 to prevent waxes and hydrates from forming within said  
12 flowline and blocking said flowline, whereby said electrical  
13 heating means is comprised of at least one electrical  
14 conductor disposed within said tubular walls of said  
15 composite umbilical means that conducts electrical current  
16 that is used to heat said tubular composite umbilical means,  
17 whereby said tubular composite umbilical means that contains  
18 any produced hydrocarbons is substantially neutrally buoyant  
19 in the sea water adjacent to said subsea well, and whereby  
20 said substantially neutrally buoyant tubular composite  
21 umbilical means is anchored to the sea bottom at a first  
22 location on a first side of said canyon and is anchored to  
23 the sea bottom at a second location on a second side of said  
24 canyon, whereby said first and second locations are on  
25 opposite sides of said canyon, and whereby a portion of said  
26 neutrally buoyant tubular composite umbilical between said  
27 first and second locations passes over said canyon in said  
28 ocean bottom.  
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31 Claim 3 (Third Amendment). A flowline for producing  
32 hydrocarbons through which said hydrocarbons flow from a  
33 subsea well that is comprised of a substantially neutrally

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1 buoyant tubular composite umbilical means which passes over a  
2 canyon in the ocean bottom, whereby said tubular composite  
3 umbilical means that contains any produced hydrocarbons is  
4 substantially neutrally buoyant in the sea water adjacent to  
5 said subsea well, and whereby said substantially neutrally  
6 buoyant tubular composite umbilical means is anchored to the  
7 sea bottom at a first location on a first side of said  
8 canyon and is anchored to the sea bottom at a second location  
9 on a second side of said canyon, whereby said first and  
10 second locations are on opposite sides of said canyon, and  
11 whereby a portion of said neutrally buoyant tubular composite  
12 umbilical between said first and second locations passes over  
13 said canyon in said ocean bottom.  
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16 Claim 4 (Previously Amended). A flowline for producing  
17 hydrocarbons from a subsea well that is comprised of a  
18 positively buoyant tubular composite umbilical means  
19 which passes over a canyon in the ocean bottom that possesses  
20 electrical heating means within the tubular walls of said  
21 tubular composite umbilical means to prevent waxes and  
22 hydrates from forming within said flowline and blocking said  
23 flowline, whereby said electrical heating means is comprised  
24 of at least one electrical conductor disposed within said  
25 tubular walls of said composite umbilical means that conducts  
26 electrical current that is used to heat said tubular  
27 composite umbilical means, whereby said tubular composite  
28 umbilical means that contains any produced hydrocarbons is  
29 positively buoyant in the sea water adjacent to said subsea  
30 well, and whereby said positively buoyant tubular composite  
31 umbilical means is anchored to the sea bottom at a first  
32 location on a first side of said canyon and is anchored to  
33 the sea bottom at a second location on a second side of said

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1 canyon, whereby said first and second locations are on  
2 opposite sides of said canyon, and whereby a portion of said  
3 neutrally buoyant tubular composite umbilical between said  
4 first and second locations passes over said canyon in said  
5 ocean bottom.  
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8 Claim 5 (Previously Amended). A method of using a flowline  
9 for producing hydrocarbons from a subsea well that is  
10 comprised of a positively buoyant tubular composite umbilical  
11 means which passes over a canyon in the ocean bottom that  
12 possesses electrical heating means within the tubular walls  
13 of said tubular composite umbilical means to prevent waxes  
14 and hydrates from forming within said flowline and blocking  
15 said flowline, whereby said electrical heating means is  
16 comprised of at least one electrical conductor disposed  
17 within said tubular walls of said composite umbilical means  
18 that conducts electrical current that is used to heat said  
19 tubular composite umbilical means, and whereby said tubular  
20 composite umbilical means that contains any produced  
21 hydrocarbons is positively buoyant in the sea water adjacent  
22 to said subsea well, and whereby said positively buoyant  
23 tubular composite umbilical means is anchored to the sea  
24 bottom at a first location on a first side of said canyon and  
25 is anchored to the sea bottom at a second location on a  
26 second side of said canyon, whereby said first and second  
27 locations are on opposite sides of said canyon, and whereby a  
28 portion of said neutrally buoyant tubular composite umbilical  
29 between said first and second locations passes over said  
30 canyon in said ocean bottom.  
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1 Claim 6 (Third Amendment). A flowline for producing  
2 hydrocarbons through which said hydrocarbons flow from a  
3 subsea well that is comprised of a positively buoyant tubular  
4 composite umbilical means which passes over a canyon in the  
5 ocean bottom, whereby said tubular composite umbilical means  
6 that contains any produced hydrocarbons is positively buoyant  
7 in the sea water adjacent to said subsea well, and whereby  
8 said positively buoyant tubular composite umbilical means is  
9 anchored to the sea bottom at a first location on a first  
10 side of said canyon and is anchored to the sea bottom at a  
11 second location on a second side of said canyon, whereby said  
12 first and second locations are on opposite sides of said  
13 canyon, and whereby a portion of said neutrally buoyant  
14 tubular composite umbilical between said first and second  
15 locations passes over said canyon in said ocean bottom.  
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